

BOROUGH OF CATASAUQUA

118 Bridge Street Catasauqua, PA 18032-2598

(610) 264-0571 • FAX (610) 264-8228

BARBARA A. SCHLEGEL

Mayor

ALFRED A. REGITS

President of Council

EUGENE L. GOLDFEDER

Manager/Secretary

www.catasauqua.org

Mr. Al Kiani
Vice President / General Manager PA/NJ Operations
B. Braun Medical Inc.
901 Marcon Boulevard
Allentown, PA 18109-9431

November 10, 2007

WATERSHED PROTECTION PERMIT No. 07-03 LEVEL I

Dear Mr. Kiani:

We are pleased to issue Watershed Protection Permit No. 07-03 Level I, pursuant to the Borough's Industrial Pretreatment Program. The enclosed permit applies to all of the wastewater discharged to the Borough's wastewater treatment plant from the B. Braun Medical facility at 901 Marcon Boulevard in Hanover Township-Lehigh County. All discharges from this facility and reports relating thereto shall be accordance with the terms of this permit and all applicable federal, state and local regulations. This permit is issued for a five (5) year period and expires on November 9, 2012. There is an annual Fee of \$ 3000.00 for this permit.

Any comments or corrections pertaining to this permit should be sent to the pretreatment coordinator for consideration within 20 days. If B. Braun wishes to appeal or challenge any conditions in this permit, a petition for amendment or re-issuance must be filed and received by the Borough within thirty-five (35) days of the date of issuance. Failure to file this petition within the allotted time is deemed a waiver by the permittee of the right to appeal or challenge the terms and conditions of this permit.

Sincerely,



James G. Houstoun

Pretreatment Coordinator

Attachment: Watershed Protection Permit 07-03

CC: David Lauer – EH&S Mgr. B. Braun (Via email with faxed signature pages)

Eugene Goldfeder - Borough Manager (w/o attachment)

Vince Smith - Chair Public Utilities Committee (w/o attachment)

Mike Traczuk – Treatment Plant Operator (w/o attachment)

**BOROUGH OF CATASAUQUA WASTEWATER TREATMENT FACILITY
INDUSTRIAL PRETREATMENT PROGRAM**

WATERSHED PROTECTION PERMIT (Page 1 of 11)

Permit No: 07 - 03

Permit Level: I

Permit Issued To: B. Braun Medical, Inc.

Permit Sent To: Al Kiani,

VP and General Manager PA / NJ Operations

Contact Person: David Lauer

Title: Environmental Health & Safety Manager

Phone: 610-596-2584

Effective Date: November 10, 2007

Expiration Date: November 9, 2012

ENVIRONMENTAL RESPONSIBILITIES / POLLUTION PREVENTION

Each permit holder has the major responsibility of protecting the Lehigh River and the Catasauqua Wastewater Treatment Plant from commercial and industrial pollutants. Many commonly used materials are not allowed in the sewer or can interfere with plant processes and contaminate biosolids. Others can easily exceed allowable levels or can pass through untreated into the river. Since uncontrolled pollutant discharges could adversely affect waste treatment efficiency, water quality and the downstream water users, effective environmental protection requires an active daily awareness and appropriate action by all site employees.

Current pollution control practices usually focus on treating the wastes generated to allowable levels prior to discharge. For a more cost-effective environmental protection program, the use of Pollution Prevention (P2) techniques focusing on source control and waste minimization should be investigated. This approach emphasizes methods other than direct discharge (such as elimination, substitution, process & procedural changes and re-use) to reduce the overall wasteload. Wastes that are not generated do not have to be treated reducing raw material costs, treatment expenses, compliance costs and environmental liability. In some cases simple, low-cost changes can significantly reduce the waste load and potentially harmful environmental effects.

The Borough believes that a coordinated team effort is necessary for effective environmental protection and is willing, within the regulatory requirements, to work with each discharger as necessary. Open, informal communications on all problems, existing and potential, are encouraged. Note: There are a number of EPA regulations referenced in the permit that the permittee must comply with and the permittee's contact person has been previously given a copy of the current regulations by the Borough for this purpose

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT (Page 2 of 11)

1. LEGAL AUTHORITY

The facility named above is hereby authorized, under the terms and conditions of this permit and Borough Ordinance 852 as amended and other applicable Ordinances, to discharge commercial and industrial wastewater to the Catasauqua Wastewater Treatment Facility in accordance with the effluent limitations, monitoring requirements, and all other conditions as set forth in this permit, and Borough Ordinances.

All discharges authorized herein shall be consistent with the terms of this permit, all-applicable Borough Ordinances, state laws & federal regulations, such as 40 CFR 403. No discharge is permitted after 12:00 midnight on the expiration date. If the permittee wishes to continue discharging after the expiration date, a new permit application must be submitted to the Borough no later than 45 days prior to permit expiration.

2. ENFORCEMENT

To protect our employees, the Plant, the Lehigh River and the downstream water users, compliance with all of the applicable requirements is a mandatory condition of continued sewer usage. Therefore, a Letter Of Violation (LOV) may be issued for each instance of non-compliance. The LOV may assess a civil penalty or may state that a summons to appear before the District Magistrate will be issued. Additional actions can be taken to assure compliance (including those described in the Borough's Enforcement Response Plan & Guidelines and the applicable ordinances) and will be based on factors (alone or in combination) such as the magnitude of the violation, the damage to the environment, the cost of restoration/abatement, the savings to violators, the number and magnitude of violations in the last year, the need to deter future violations and other applicable factors.

These actions can range from a LOV through civil and criminal actions to discontinuance of sewer service. Civil penalties of up to \$25,000.00 per day, per violation can be assessed to any discharger of non-domestic materials (or excessive amounts of domestic materials) who is not in compliance with discharge limits and/or any pretreatment standards or requirements as specified by PA Act 1992-9. Copies of the ordinances with the Borough's civil penalty assessment policy and appeal procedures are available on request.

When violations occur, an Administrative Compliance Order requiring full compliance within a reasonable period of time may be issued. Monetary penalties may also be assessed depending on the actual circumstances. The Order typically will require a compliance plan to be prepared and implemented in a timely manner, and other actions on the part of the permittee may be required as well. The Borough can also require that the compliance plan be prepared by a qualified professional.

3. DISCHARGE REQUIREMENTS

A. SPECIFIC POLLUTANT LIMITATIONS (Local Limits)

Each permittee is required to comply with all Local Limits (Attachment A) even when a limit(s) is not specifically listed on the Permit for periodic analysis.

1. At times the Borough may sample for all Local Limit parameters and a LOV may be issued for any exceedances found.
2. Being able to comply with a Local Limit is not a legal authorization to discharge materials containing that parameter.
3. Approval to discharge any non-domestic substances is based on the submission of a permit application, a notification of changed discharge, a request for permit modification or a Special Request For the Discharge of Wastewater. No discharge may begin until a permit and an amended permit or a Letter Of Approval is issued.
4. The permittee will be considered in violation of Changed Discharge Reporting Requirements (Section 12) if a pollutant not listed in the permit application, an amended permit, in an approved notice of changed discharge or in an approved Special Request For the Discharge Of Wastewater is detected in the permittee's effluent at levels over the normal background level. This will be considered an unauthorized discharge, even if the concentration is still under any local limit, action level or prohibited level.

B. SPECIFIC MONITORING REQUIREMENTS

The specific parameters that must be analyzed and the frequency of analysis are listed in Attachment C – “Sampling And Analysis Requirements for Compliance Monitoring.”

All monitoring data must be representative of the conditions occurring during the reporting period for which the monitoring data is collected and/or submitted.

C. GENERAL POLLUTANT LIMITATIONS

All the specific limitations, prohibitions and controls listed in Ordinance 852 as amended, other applicable ordinances, Surcharge Requirements and EPA Pretreatment and Categorical Standards apply to this permit. A copy of the “Prohibitions and Limitations on Wastewater Discharges” is in attachment G. The Local Limits are in attachment A and the Sludge Protection Requirements are in Attachment A-1.

4. HAZARDOUS WASTE NOTIFICATION REQUIREMENTS

All sites that discharge wastes to the Catasauqua Treatment Plant that would be listed or characteristic hazardous wastes if otherwise disposed of must notify the Borough, the EPA Regional Waste Management Division Director and the State Hazardous Waste Authority as required by [40 CFR 403.12 (p)], page 45 on the copy of the “403” regulations given to you by the Borough.

5. ADDITIONAL MONITORING REQUIREMENTS

A. If the permittee monitors for any required parameter more frequently than specified by the Permit, the results of this monitoring shall be included in the “Compliance Monitoring Reports” required in Section 7.

B. When the permittee becomes aware that a limit violation has occurred, the permittee must immediately contact the contract lab that performs the permittee’s sampling and analysis and request a resample. The resample must be taken and the analytical results sent to the Borough within 30 days of becoming aware of the violation. The permittee must also notify the Borough of a limit violation or violation of any other applicable pretreatment standard within 24 hours of becoming aware of the violation and submit the reports required by this permit within five days. If there have been prior violations and Significant Noncompliance is possible, the permittee must also schedule the number of additional samples necessary to try and avoid a classification of SNC and the results of any extra samples taken must be reported to the Borough within 24 hours of receiving the analytical results. The Borough also has the option of collecting additional resamples or taking additional samples at any time to assure compliance.

C. The Borough will perform a minimum of one unscheduled monitoring annually. More frequent, unscheduled monitoring will be conducted as necessary for surcharge assessment or assuring compliance.

6. NON-COMPLIANCE REPORTING REQUIREMENTS

If the results of any monitoring of the permittee’s effluent indicates that a local limit, categorical limit, action level, sludge protection requirement, prohibited level or any other pretreatment standard or requirement has been exceeded, the permittee must inform the Borough within 24 hours of receiving notification (written or verbal) from the lab. The permittee’s notification to the Borough can be written or verbal as long as the 24-hour time limit is complied with. If the initial notification is verbal, the written notification is required within 5 days. A form for written notification is attached.

7. COMPLIANCE MONITORING REPORTS

A. Compliance Monitoring Reports are required for all permittees

B. Compliance Monitoring Reports are due every six months. That is by the end of July for the period January through June and by the end of the following January for the period July through December. Since permits are issued and expire at various times and these reports are due in July and January, any permittee who ceases to discharge non-domestic wastes for any reason is responsible for submitting a final report for all discharges that were not covered by the previous Compliance Monitoring Report.

7. COMPLIANCE MONITORING REPORTS (continued)

C. Compliance Monitoring Reports shall contain the following:

1. A summary of the analytical results for the specified parameters.
2. The average daily flow rates for the facility.
3. Copies of the manifest records for the hauling of hazardous materials, waste oils, or other liquids or wastes that are not permitted in the sewer. Manifests for non-hazardous solid wastes such as garbage or trash are not required.
4. Narrative descriptions of the status of compliance activities and any changes, actual or planned, in discharge characteristics or flow.
5. Each "July" report must have a copy of the Spill Prevention And Countermeasure plan or equivalent plan attached and signed to indicate the annual review and/or revision was completed.

D. Monitoring data must be representative of conditions occurring at the permittees site during the reporting period [40 CFR 403.12(g)(3)].

8. NOTICE OF SLUG LOADING

The Borough must be notified immediately between 7 am & 3:30 pm by telephone or by visiting the plant (Treatment plant 610-264-0111 or the Borough Office 610-264-0571 up to 4:30 p) when any slug loading occurs. Outside of normal working hours, the Catasauqua Police must be notified. Slug loading is defined by the EPA as any pollutant discharge violating the specific prohibitions under 40 CFR 403.5(b). Some examples of slug loadings are accidental spills, discharges with high pollutant loadings or too high a flow rate and/or discharges exceeding permit limits; which can cause problems such as fire or explosion hazards, toxic hazards, corrosion, obstruction, pass through, interference, inhibition, heat loadings and or any other plant problems

To protect the treatment plant and the Lehigh River, the Borough further defines a slug loading as any discharge whose effects on the treatment plant are unknown and/or has the potential to cause any of the problems listed above because the flow rate is too high. If such a discharge is proposed, the Borough can classify the discharge as a Prohibited Slug Loading, unless the sewer user or qualified others can provide documentation to the Borough to demonstrate that the discharge is acceptable for release to the sewer. Proposals for flow equalization will be considered.

9. SPILL PREVENTION AND COUNTERMEASURE PLAN

A spill prevention and countermeasure plan or an equivalent plan must be in effect to prevent slug loadings. The plan or equivalent documentation must be reviewed annually by the permittee and revised as necessary and a copy must be attached to each July Compliance Monitoring Report and the date of the last review or revision must be included with this copy.

10. PROCESS CONTROL PLAN

Non-compliance with this permit can result when the discharger is not aware of the quality of the effluent, allowing limit exceedances or other compliance problems to go undetected. Therefore, the Borough can require at any time that the permittee conduct more frequent monitoring to assure that quality of the effluent, the wastewater treatment processes, the related equipment and operating practices are in compliance with the terms of this permit and all applicable regulations. If the additional monitoring (or any other prior monitoring by the permittee and/or the Borough) establishes that the permittee is not in compliance (or is barely in compliance with a potential for future non-compliance) with the terms of this permit, the Borough can order that a process control plan detailing the corrective actions planned with a timetable for completion be submitted for approval. The Borough can also require that this plan be prepared by a qualified professional. If equipment is required for sampling, the permittee will be responsible for the acquisition, installation and maintenance of this equipment. Failure to submit a "Plan" when required can result in escalating enforcement action.

11. COMPLIANCE SCHEDULE

The Borough reserves the right to add a compliance schedule, as a binding permit condition, at any time when in the Borough's opinion, circumstances warrant such action. As applicable, the Process Control Plan (Section 10) will be included in the Compliance Schedule.

12. CHANGED DISCHARGE REPORTING

Any permittee planning any substantial change in the volume or composition of its discharge must notify the Borough in writing in advance. A substantial change is any change that will significantly affect the quality, quantity, composition, flow rate, color, odor, pH, toxicity or temperature of the effluent or increase the potential for and/or the severity of slug discharges. Examples of substantial change are: the addition of new processes discharging to the sewer or modifications of existing processes, and the discharge of any additional substances not previously listed in the permit application or in a notice of changed discharge.

Discharges from routine or non-routine maintenance scheduled in advance or not scheduled in advance or any plant shutdowns temporary or permanent are also substantial changes. The Borough will evaluate the proposed changes and determine if a new or modified permit is required. In some instances a Special Request For Sewer Discharge of Wastewater (Attachment H) can serve as a notification of changed discharge. Under no conditions shall any discharge from these changes be made until the new or modified permit or a Letter Of Approval is issued. (If there is any question about what constitutes a substantial change, please contact the Borough with the specific details.)

13. STANDARD CONDITIONS

A. **DILUTION** - Under no circumstances will the dilution of the industrial or commercial wastewater discharge be permitted to meet concentration or mass limits.

B. **RECORD KEEPING** - Records of all information resulting from any monitoring activities [as specified in 40 CFR 403.12(o), see page 45 of the “403” regulations] required by this permit shall be maintained for a period of three years and be available for inspection and copying by the Borough. However, this 3 year period shall be extended during any unresolved enforcement action or other litigation, or other reasons such as past instances of Significant Compliance. Monitoring activity records shall include all discharge-related information and any other applicable records such as instrument calibration or maintenance necessary to demonstrate compliance with the pretreatment requirements.

C. **RE-OPENER CLAUSE** - The Borough of Catasauqua reserves the right to modify the conditions of this permit or revoke this permit or issue a new permit (including emergency temporary or conditional permits) at any time the following occurs:

1. The Borough receives a new or modified NPDES Permit or there are new local limits.
2. The Borough must comply with Federal or State Administrative Orders or enforcement actions and/or must comply with new Federal or State regulations..
3. There is a need to protect the operation of the Borough’s wastewater collection, conveyance (and the conveyance systems of connected municipalities) and treatment facilities. For example, from marginal compliance or continued non-compliance or materials not previously authorized by permit are being discharged, or when sampling data or other information indicates that a user’s discharges and/or discharge flow rate (alone or in combination with discharges from other sources and whether or not a specific discharge limit or prohibition has been established) is causing or has the potential to cause pass through, interference, NPDES violations, health and safety problems, or other treatment plant problems.

D. **NON-TRANSFERABILITY** - Wastewater discharge permits are issued to a specific user for a specific operation. This permit shall not be re-assigned, transferred or sold to a new owner, a new user, a different premise or a new or changed operation.

E. **REPORT SUBMISSION** - All reports and notifications required by this permit shall be submitted to the Borough at the following address unless other wise directed:

Borough of Catasauqua, 118 Bridge Street, Catasauqua PA 18032-2598

Attn: J.G. Houstoun, Pretreatment Coordinator. Phone: 610-254-011, Fax: 610-264-8228

F. **SIGNATORY REQUIREMENTS** - All reports submitted by the permittee must be signed by a responsible corporate officer, general partner, or a duly authorized representative of your firm, in accordance with 40 CFR 403.12 (“403 regulations pages 43 & 44), after completion of the report and review of the information by the signing official. Please refer to the signature statement in Attachments E & F.

14. PROGRESS REPORTS

Any permittee subject to a Compliance Plan and/or a Process Control Plan is required to submit a progress report no later than 14 days after each milestone date. The report must describe the current status of the action step. If the compliance date was not met, the reasons for the delay and the steps being taken to return to the schedule established must be listed.

The following reports contained in 40 CFR 403.12 are required as applicable for new categorical users or current dischargers planning to use any categorical process:

- 1) Baseline Monitoring Reports
- 2) Progress reports on “Compliance Schedule”
- 3) Report on final compliance (90-Day Report)
- 4) Any special monitoring and/or reporting requirements required by specific categorical standards.

15. CHANGE IN PMP PERMIT LEVEL

The Borough may change the level of a user’s Pollution Management Permit with written notification for the following reasons:

- A. The subsequent review of an application indicates that a different level is appropriate.
- B. The user requests a review which (with a site inspection as necessary) indicates a level change is appropriate.
- C. Sampling indicates that unauthorized materials not allowed under the current permit (and/or not listed on the application or in a notice of changed discharge) are being discharged.
- D. There can be an immediate reclassification from Level ? to Level I Conditional when sampling data or other information indicates that a user’s discharges (alone or in combination with discharges from other sources and whether or not a specific discharge limit or prohibition has been established) is causing or has the potential to cause pass through, interference, NPDES violations, health and safety problems, or other treatment plan problem.
- E. There can be an immediate reclassification from Level 1 to Level I Conditional when sampling data or other information indicates unauthorized materials, including slug loads, are being discharged.

17. ON-SITE COMPLIANCE MONITORING

The permittee must allow Borough personnel who present identification to enter all areas of the permittee's premises for inspection, sampling, records review and copying or any other compliance monitoring activities with 15 minutes after entry is requested. The permittee has the responsibility to establish procedures to allow entry without delay on all shifts. The Borough personnel making site visits will usually be the Pretreatment Coordinator and/or the Plant Operator although the Borough Manager, other treatment plant personnel and the Borough's technical consultants may participate. EPA and DEP representatives also have the right of entry. Normally all of the activities requiring building entry will be carried out during daily business hours and will be scheduled at the mutual convenience of the Borough and the permittee. However, if a pollution emergency situation arises, or if the Borough decides an immediate inspection is necessary, visits may be unannounced and conducted at any time.

18. POINT OF APPLICATION OF LOCAL LIMITS

Local limits apply at "the end of pipe", the point where the user's effluent enters the sewer system. Categorical standards apply at the end of the regulated process.

19. SURCHARGES FOR CONCENTRATED WASTES

Borough ordinances provide for surcharges for wastestreams that are stronger than the domestic waste loadings that the plant was designed to treat. The surcharge parameters are listed in Attachment A. The Borough may test the effluent from any industrial/commercial user for surcharge potential at any time.

20. ACTION AND PROHIBITED DISCHARGE LEVELS

Each surcharge parameter has both an Action Level and a Prohibited Level. When a parameter exceeds the Action Level, the discharge may be required to take investigative and/or corrective action depending on the individual circumstances. Enforcement action may also be taken as necessary.

When a Prohibited Discharge Level is exceeded, the problem discharge must be immediately controlled to acceptable levels or stopped completely. Failure to do so will result in enforcement action up to and including termination of service. The action and prohibited discharge levels are listed in Attachment A.

21. WHOLE EFFLUENT TOXICITY (WET) TESTING

WET testing is required as part of the Borough's NPDES Permit Renewal. Periodic WET test requirements may also be part of the re-issued NPDES permit. Industrial and commercial dischargers whose effluent has actual or potential toxic properties (based on plant or discharger WET tests, screening tests, composition, mass loadings or other information) may be required to conduct toxicity reduction evaluations and/or effluent WET test by permit condition or permit amendment. If applicable, WET test requirements will be listed in Attachment D.

22. PERMIT REVOCATION

Any sewer user who violates the conditions of this permit or applicable State and Federal regulations is subject to having this permit revoked. Violations subjecting a user to possible permit revocation include, but are not limited to, the following:

a. Failure of a user to accurately report the wastewater constituents and characteristics of the site's discharge; b. Failure to report significant changes in operations or wastewater constituents and characteristics during normal operations, maintenance shutdowns or permanent shutdowns; c. Refusal of reasonable access to the user's premises for inspection or monitoring; d. Violations of conditions of this permit; e. Failure to meet effluent limitations, pay fines, pay sewer charges, meet compliance schedules, complete a wastewater survey or the wastewater discharger permit application, or provide advanced notice of the transfer of a permitted facility; or f. Violation of any pretreatment standard or requirement or any terms of this wastewater discharge permit.

23. MAINTENANCE SHUTDOWNS

Shutdowns for unscheduled repairs, planned maintenance, cleaning, and chemical disposal can cause unusual, unexpected and unauthorized discharges. A permittee planning temporary or permanent shutdowns of a process and/or equipment is required to pre-notify the Borough's Pretreatment Coordinator of what will occur and when. The following information must be given to the Borough in writing (by letter or email): type of shutdown, date and length of shut down, plant areas and processes involved, materials to be disposed of, method of disposal, names of disposal contractors, other contractors working on site during the shutdown, any planned discharges to the sewer, and all other applicable information.

The permittee is responsible for assuring that any discharges made prior to, during or after a shutdown (including any made by outside contractors) are legal and proper and meet all federal, state and local requirements, including all requirements of this permit. As applicable, arrangements must be made in advance for proper off site-disposal of materials not permitted in the sewer. The Borough, within the limits of its regulatory responsibilities, will work with the discharger to resolve any problems that arise from any type of shutdown. In certain instances (with prior approval) the Borough may be able to accept additional wastestreams to avoid or minimize the need for the sewer user to contract for off site disposal. The Borough recommends a cooperative effort to avoid the need to take enforcement action because of improper and illegal shutdown procedures.

24. FACILITY CLOSURE SHUTDOWNS

A Facility Closure Shutdown Plan must be submitted to the Borough for approval prior to commencing shutdown. This plan must describe what will be done and when. This plan must include the following information: date of shut down, plant areas and processes involved, materials to be disposed of, method of disposal, names of disposal contractors, other contractors working on site during the shutdown, any planned discharges to the sewer and all other applicable information. Devices used to collect and/or separate fats, oils and greases must be cleaned and/or pumped out and contain no residual materials. Since the site is being permanently vacated, all process sewer connections must be appropriately and permanently sealed to prevent unauthorized discharges. The Facility Closure Shutdown Plan must be signed by a responsible corporate officer, general partner, or a duly authorized representative responsible for the operations at this site with the following certification: "I certify that this Facility Closure Shutdown Plan and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, and that this information is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, possibility of fine and imprisonment for knowing violations." The plan shall be sent to the Borough's Pretreatment Coordinator.

25. AUTHORIZATION TO DISCHARGE

In accordance with the provisions of Section 6 of Ordinance 852, the permittee named in Section I of this permit is hereby authorized to discharge the industrial wastes listed in attachment D into the Catasauqua Sewer System in accordance with the effluent limitations, monitoring requirements, and other conditions as set forth above in this permit and the attachments.

This authorization is based on the information supplied by the permittee in the permit application process and discharges other than those described and/or materials other than those listed in the Attachment D of this permit are not authorized.

This permit supersedes any other previously issued permit(s).

ISSUED ON NOVEMBER 10, 2007

TO TAKE EFFECT ON: NOVEMBER 10, 2007

BY:



James G. Houstoun
Pretreatment Coordinator
Borough Of Catasauqua

Borough of Catasauqua – Watershed Protection Permit Attachment A

Limits for Authorized Dischargers

Parameter	Daily Maximum Concentration
Biological Oxygen Demand (BOD) ¹	850 mg/l
Total Suspended Solids (TSS)	850 mg/l
pH	6 – 9 Standard Units
Oil and Grease	100 mg/l
Color	750 Units
Silver (Total Amount Present)	0.70 mg/l – Monthly Avg. limit 0.44 mg/l
Cyanide (Total Amount Present)	1.0 mg/l
Chemical Oxygen Demand (COD)	2500 mg/l
Ammonia Nitrogen (NH ₃ -N)	200 mg/l
Total Kjeldahl Nitrogen (TKN)	1000 mg/l
Total Dissolved Solids (TDS)	Monitor Only
Chlorine Demand (CL-D)	Monitor Only

Note 1. Since BOD may not be representative of the strength of industrial and commercial discharges and because COD tests are better for process control purposes, testing for COD can be substituted for the BOD Local Limit testing in Level I Watershed Management Permits and then the permittee will not be required to monitor for BOD.

Authorization to discharge a non-domestic and/or toxic pollutant or domestic pollutants in quantities exceeding normal domestic levels is only granted by the issuance of a permit, an amended permit or a letter of approval, all of which require the submission of a permit application or a written notification of changed discharge. Being able to meet a limit is not an authorization to discharge.

Other Requirements For Authorized Dischargers: All limits must be complied with but periodic monitoring is usually required only for the parameters that are actively discharged. However, the Borough can require either temporary screening or periodic monitoring for any parameter with or without a limit that is believed to have an actual or potential harmful effect on the plant, its employees, the sludge, the collection systems or the Lehigh River. The Color Limit applies if no residual color is seen at Influent sampler or the primary clarifier inlets. If influent samples or the primary clarifiers show color, the colored discharge is prohibited and must be ceased. If Cyanide (T) exceeds or has the potential to exceed 50% of the limit (0.5 mg/l), pretreatment (Cyanide destruction) is required. There is also a Sludge Protection Requirement for Reactive Cyanide of 250 mg/kg. The monthly average limit for Silver applies at all times, even if only one sample is taken during the month.

The Borough has enacted an Ordinance (No. 1128) that establishes a Protective Surcharge Program:

Surcharge Requirements	TSS	BOD	COD	NH ₃ -N	TKN
Surcharge Level	200 mg/l	200 mg/l	600 mg/l	30 mg/l	75 mg/l
Action Level	600	600	1200	120	600
Prohibited Level	850	850	2500	200	1000

Surcharges apply for each parameter over the Surcharge Level. Discharges over the Action Level require special authorization and will only be allowed if it can be demonstrated that they will cause no treatability or toxicity problems. When the Action Level is reached the permittee must immediately notify the Borough. When the Borough has determined that discharges over the Action Level are not acceptable, enforcement action may be taken for violations of the Action Level. Surcharges double for authorized discharges over the action level. Discharges over the Prohibited Level are not allowed at any time. Sewer users must immediately cease any such discharges until compliance can be assured and the Borough gives written authorization for resumption of the discharge. Enforcement action may be taken for violations of the Prohibited Level and an eight times surcharge may also be assessed in addition to any penalties imposed as a result of the enforcement action. Single event surcharges based on one sample may also apply to discharges above the Action and Prohibited Levels

Discharge Limits rev 6-04

**BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT
ATTACHMENT A-1**

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SLUDGE PROTECTION REQUIREMENTS FOR AUTHORIZED DISCHARGES

Currently, the Borough sends its sludge to an approved landfill. To be accepted at the landfill, the sludge must be tested for metals and other pollutants. If these pollutants are over specified limits, the sludge is not acceptable and, in a worst case situation, could be classified as hazardous waste. For the sludge to be considered for beneficial uses, such as land application as fertilizer, more stringent EPA and PA DEP Exceptional Quality (EQ) Limits and Ceiling Limits are in effect. While the Borough must maintain the sludge quality needed for landfill disposal, the Borough's sludge currently meets the EQ Limits, and the Borough wants to continue to keep its beneficial sludge use options open.

Therefore, the Borough has established Sludge Protection Requirements (SPR's) for all permitted discharges. Each industrial or commercial user actively discharging pollutants that could accumulate in the sludge must comply with the SPR's. If the discharge level exceeds the SPR's, the user must develop a plan to come into compliance within a reasonable period of time or cease discharging the problem waste stream. In many cases, the allowed levels of pollutants are quite low, and the Borough, if requested, will work with the user (as allowed by its legal obligations as a regulator) to reduce pollutant levels. Where applicable, cost effective source reduction/pollution prevention methods will be recommended.

In addition, any discharge that would cause or would contribute to an actual or potential violation of the TCLP Limits (above which the sludge would be classified as a hazardous waste), the Reactive Cyanide and Reactive Sulfide Limits, or otherwise adversely affect the landfill or land application of the sludge is prohibited. Any user discharging prohibited materials must immediately cease discharging these materials.

Being able to comply with a Sludge Protection Requirement is not an authorization to discharge a non-domestic and/or toxic pollutant or domestic pollutants in quantities exceeding normal domestic levels. Authorization to discharge is only granted by the issuance of a permit, an amended permit, or a letter of approval (which requires the submission of a permit application or a notification of changed discharge).

Once the Borough decides to land apply sludge, the maximum Sludge Protection Requirements levels will become Prohibited Discharge Levels (PDL's). This means that any sewer user who exceeds a PDL must immediately cease discharge of the specific pollutants, until a compliance plan is submitted and approved by the Borough. Non-compliance will be enforced as specified in the Borough's Enforcement Response Plan.

**BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT
ATTACHMENT A-1**

Page 2 of 2

Parameter	EPA Clean Sludge (EQ) Limit	Daily Max Concentration
	(MG/KG)	(MG/L)
Zinc	2800	1.25
Chromium	1500*	0.7
Copper	1500	0.42
Nickel	420	0.15
Lead	300	0.07
Selenium	100	0.1
Molybdenum	75**	0.06
Arsenic	41	0.03
Cadmium	39	0.012
Mercury	17	0.007

* Borough Guideline

** EPA Ceiling Limit

The Borough reserves the right to revise these limits any time based on observational data. The Borough also reserves the right to set more stringent limits for any pollutants, such as Reactive Cyanide or Reactive Sulfide, if actual or potential discharges are believed to adversely affect sludge quality and the landfill or land application of the sludge.

Reactivity

Parameter	EPA Sludge Limit	Daily Max Concentration
Reactive Cyanide	250 MG/KG	0.05 MG/L
Reactive Sulfide	500 MG/KG	0.1 MG/L

If Reactive Sulfide and/or Reactive Cyanide exceed or have the potential to exceed 50% of their respective limits, pretreatment is required.

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT

ATTACHMENT B

FLOW LIMITATIONS

Type of Wastewater: Process, Water Treatment and Domestic

Type Of Discharge: Continuous & periodic from extruders and water treatment units

Average Daily Flow Rate Not To Exceed: 45,000 gpd

Maximum Daily Flow Rate Not To Exceed: 50,000 gpd

BOROUGH OF CATASAUQUA WATERSHED PROTECTION PERMIT

ATTACHMENT C (Page 1 of 2)

SAMPLING AND ANALYSTS REQUIREMENTS FOR COMPLIANCE MONITORING

Each Level I sewer user is required to contract with a NELAC certified environmental laboratory to perform the sampling and analysis according to these permit conditions and all applicable state and federal regulations. The sewer user is required to make a suitable sampling point available that can be accessed at any time without restriction and/or the need for prior notification to gain entrance and is kept locked with a key given to the Borough. If a sampling point must be installed it must be approved by the municipality where the facility is located and by the Borough. The monitoring must be performed on a random schedule which will be set by the Borough directly with the lab without prior notification to the permittee, except when a violation occurs. When the permittee becomes aware that a violation has occurred, the permittee must immediately contact the lab directly to request a timely random resample and report the results of the resample to the Borough within 30 days of becoming aware of the violation. If SNC is an issue, it is also recommended that the permittee arrange for any extra samples required to try and avoid SNC. Please refer to permit section 5B.

Grab Samples are required for pH, oil & grease and cyanide. Where continuous flow data or a flow measuring signal is available, flow proportioned composite samples must be used for all other pollutants. If not, 24-hour time proportioned composite samples may be used. The latest EPA method for Oil & Grease using Hexane must be used. pH must be measured within 15 minutes of sample collection, so a portable pH meter is required.

When selecting a lab, the sewer user must make sure that the lab will use the correct testing procedures that will give the required detection levels (listed in the permit application) and that the lab has an effective, ongoing Quality Control and Quality Assurance program. The sewer user must notify the Borough in writing within 30 days of the issuance date of this permit which laboratory will perform the sampling and analysis.

The sewer user must give the laboratory chosen a copy of this permit attachment including the frequency of analysis for each required parameter and the location of the sampling point(s). The permittee must make sure that the laboratory chosen will:

- 1) Comply with these permit requirements and will not inform the permittee when sampling will occur.
- 2) Conduct all sampling and analysis according to 40 CFR Part 136 and Part 403.12(g)(3) ["403" regulations page 37} and any amendments thereto and applicable EPA Guidance Documents.
- 3) Allow the Borough and/or the EPA to observe sampling events including equipment preparation and to visit the lab to discuss test methods and QA/QC procedures if requested.

Failing to comply with these sampling and analysis requirements or contacting the lab about sampling dates and times will be considered a violation of this permit. Failure to follow these requirements would be a major violation of permit conditions and thus would be subject to all enforcement options including permit revocation.

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT

ATTACHMENT C – PAGE 2 of 2

SAMPLING AND ANALYSIS REQUIREMENTS

All monitoring data must be representative of the conditions occurring during the reporting period for which the monitoring data is collected and/or submitted.

PERMITTEE: B. Braun Medical, Inc.

PERMIT No: 07 – 03 Level I

SAMPLING POINT LOCATION: NE side of front parking lot next to Irving St.

QUARTERLY ANALYSIS REQUIRED

BOD

COD

O&G

pH

TSS

TDS

TKN

OXIDIZERS as CL

TOX -Total Organic Halides

CHLORIDE ION as NaCl

CL-D – Chlorine Demand

MOLYBDENUM - If the levels are all non-detects (<0.01) for one year, monitoring will no longer be required.

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT

ATTACHMENT D

ADDITIONAL PERMIT REQUIREMENTS –PAGE 1 of 3

I. NONDOMESTIC WASTEWATER AUTHORIZED FOR SEWER DISCHARGE

1. Direct Contact Cooling Water From Extrusion Operations.
2. Periodic Cleaning Water From Extrusion Operations.
3. PCT 3026 - Biocide At Recommended Use Concentrations In Cooling Tower Blowdown Wastewater Only. The Discharge Of Product Concentrates Or Wastewater With Product Levels Exceeding Recommended Use Concentrations Or The Contents Of The Recirculation Sumps Or Trays Are Not Authorized.
4. PCT 6452B - Corrosion Inhibitor At Recommended Use Concentrations In Cooling Tower Blowdown Wastewater Only. The Discharge Of Product Concentrates Or Wastewater With Product Levels Exceeding Recommended Use Concentrations Or The Contents Of The Recirculation Sumps Or Trays Are Not Authorized.
5. PCT 7103 - Antifoam At Recommended Use Concentrations In Cooling Tower Blowdown Wastewater Only. The Discharge Of Product Concentrates Or Wastewater With Product Levels Exceeding Recommended Use Concentrations Or The Contents Of The Recirculation Sumps Or Trays Are Not Authorized.
6. PCT 5207 – Boiler Water Treatment At Recommended Use Concentrations In Boiler Blowdown Wastewater Only. The Discharge Of Product Concentrates Or Wastewater With Product Levels Exceeding Recommended Use Concentrations Are Not Authorized.

**BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT
ATTACHMENT D**

ADDITIONAL PERMIT REQUIREMENTS –PAGE 2 of 3

II. A number of chemical products are used for treatment of boilers, heating and air conditioning systems. Many of these materials contain biocides and other substances, which can cause toxic effects at the Treatment Plant and/or in the Lehigh River. Therefore if any such materials are used and discharged to the sewer (concentrated or diluted), a Water Treatment Chemical Management Plan is required to assure that the amounts discharged will not cause any harmful effects (based on the Borough's judgment) such as: Toxic effects on plant processes and/or aquatic life in the watershed. And sludge contamination or adverse effects on plant or collection system operations and employees and downstream water users. As a minimum this plan should:

1. List all materials used and submit MSDS's if they have not be previously sent to the Borough.
2. Identify all areas where these materials are used or stored.
3. Describe spill prevention procedures (an existing spill prevention plan may be referenced).
4. If automatic dispensing system are used, the plan must specify the precautions taken to prevent discharges during malfunctions.
5. Describe disposal procedures for concentrates. Describe disposal procedures for diluted materials, especially if batch discharges are made after a treatment cycle. Flow equalization may be necessary to assure a low toxicity effluent.
6. Describe measures taken to train employees handling these materials. Conduct periodic audits (a minimum of quarterly) to assure compliance with procedures. The audit reports should be kept on file for Borough review.
7. Determine estimated maximum concentration levels and compare with toxicity literature to assure discharge concentrations well below toxic levels.
8. Conduct whole effluent toxicity screening, if necessary, to assure a low toxicity effluent. All testing and toxicity estimations should be done by a person qualified in this field.
9. If specified by the Borough, a report from a qualified professional encompassing all of these requirements shall be submitted prior to discharge authorization.

The Water Treatment Chemical Management Plan shall be submitted within 60 days of permit issuance. Anytime the use of these materials is planned or changes made to authorized discharges, a revised or reissued Plan will be required prior to any discharges. The Borough reserves the right to restrict or prohibit the discharge of any or all of these materials at any time until the Plan is received and accepted; or when, in the Borough's judgment, the plan is not being effectively implemented.

(Note: A revised Water Treatment Management Plan was already submitted with the 2007 Permit Application satisfying this requirement)

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT

ATTACHMENT D

ADDITIONAL PERMIT REQUIREMENTS –PAGE 3 of 3

III. In addition meeting the Oil & Grease Local Limit for process related discharges, Permittees with on site food preparation and/or serving facilities must also develop Fats, Oils and Greases (FOG) Control Plan. This is to assure that FOG levels from food sources when combined with FOG from process releases and other domestic sources will continuously meet the Oil & Grease Local Limit. As a minimum this plan should:

1. Specify in detail how FOG from food sources will be controlled.
2. Describe the procedures for cleaning traps or interceptors. If there are no existing traps or interceptors and the O&G Local Limits cannot be consistently met due to food waste discharges, the Borough reserves the right to require suitable control device as a condition of continued discharge of these wastestreams.
3. Traps or interceptors should be fully cleaned with no residual liquids or solids remaining.
4. Specify the contractor(s) that will do the cleaning. A written record or invoice documenting each cleaning and other maintenance must be kept for three years
5. Specify the frequency of cleaning; a minimum of quarterly is required.

The FOG Control Plan shall be submitted within 60 days of permit issuance. If changes are made, a revised or reissued permit will be required prior to any discharges. The Borough reserves the right to restrict or prohibit the discharge of any or all fat, oil and grease discharges at any time until the Plan is received and accepted; or when, in the Borough's judgment, the plan is not being effectively implemented.

(Note: The FOG Control Plan submitted for the 2007 permit is currently being implemented and a new plan is not required unless substantial changes have been made.)

IV. OTHER CONDITIONS:

Permit Page 10 No.23 Maintenance Shutdowns - The Notification Requirement is waived because B. Braun has a history of informing the Borough when any maintenance related discharges have been proposed and is thus fully aware that prior authorization is necessary for any shutdown related sewer discharges.

Note: Permittees must comply with EPA Regulations & Borough Ordinances and B. Braun was previously given a copy of the EPA Pretreatment Regulations 40 CFR 403. The Borough's Ordinances are available at www.catasauqua.org. (On the left side of the home page click on Catasauqua Code of Ordinances. Then click on Catasauqua Code Book. Then Click on table of contents. Then click on: Part II (click on plus sign in front of topic) Chapter 210 Sewage...).

BOROUGH OF CATASAUQUA – WATERSHED PROTECTION PERMIT

ATTACHMENT E

PERMITTEE'S NOTIFICATION OF LIMIT VIOLATION

PERMITTED DISCHARGER:

SUBMITTED BY:

TITLE:

(To be considered official notification this form must be completed in full. Attach additional pages as necessary.)

On (Month) (Day) (Year) an effluent sample was taken by
and analyzed by (name of the laboratory):.

The results were received on:

The following Permit Limits were exceeded;

PARAMETER	LIMIT	RESULT	RATIO
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Ratio= Ratio of result to limit (Result/Limit)

EXPLANATION (Please briefly state the cause of this occurrence):

CORRECTIVE ACTION (Please briefly indicate the steps that will be taken, with completion dates, to come into Permit compliance):

DATE PERMITTEE CONTACTED LAB TO REQUEST A RESAMPLE (If the permittee plans to have the lab take more than one resample to prevent SNC or for process control purposes, the Borough must be notified and sent copies of the lab reports.):

SIGNATURE STATEMENT

"I certify under of penalty of law that this report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons who are directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature:

BOROUGH OF CATASAUQUA - POLLUTION MANAGEMENT PERMIT

ATTACHMENT F Page 1 of 3

SIX-MONTH COMPLIANCE MONITORING REPORT

PERMITTED DISCHARGER:

PERMIT NO.

REPORTING PERIOD: FROM: TO:

	<u>MONTHLY FLOW DATA</u>		
	TOTAL FLOW	NO. OPERATING	AVERAGE
<u>MONTH</u>	<u>GALLONS</u>	<u>DAYS PER MONTH</u>	<u>DAILY FLOW (G/D)</u>

Type of Flow: Process Only: Process & Domestic:

SUMMARY OF COMPLIANCE ACTIVITIES

(Please complete as appropriate or mark non-applicable.)

A. Briefly indicate whether the site was in compliance for this period, describing any actions taken to assure compliance. If there were any limit exceedances or other permit violations, briefly describe the circumstances and the actions taken to regain compliance. If compliance has not yet been attained, give the estimated date of compliance.

B. Report any changes in wastewater discharges, including flow rate and volume, and any variations in the type or amounts of the substances being discharged since the last report.

C. Briefly describe any process modifications implemented since the last report.

BOROUGH OF CATASAUQUA-POLLUTION MANAGEMENT PERMIT

**ATTACHMENT F - PAGE 2 OF 3
SIX-MONTH COMPLIANCE MONITORING REPORT**

D. Update progress made on compliance schedule requirements as specified in the Permit or an Administrative Order.

E. Briefly describe any proposed process modifications or plans for expansion that will effect the quantity and composition of the wastewater discharged, or the potential for a slug discharge.

ADDITIONAL COMMENTS OR SUGGESTIONS

COMPLIANCE MONITORING REPORTS

Copies of each analytical report must be attached.

DOCUMENTATION OF OFF-SITE DISPOSAL (MANIFEST RECORDS)

Copies of the manifests or other records for the hauling of hazardous materials, waste oils, or other liquids or wastes that are not permitted in the sewer must be attached to each report, January and July. Manifests for non-hazardous solid wastes such as garbage or trash are not required.

SPILL PREVENTION AND COUNTER MEASURE PLAN

This Plan must be reviewed and/or revised annually and a copy attached to this report each July. If no revisions have been made, the review date along with the name and signature of the reviewer must be written on the copy.

**BOROUGH OF CATASAUQUA POLLUTION MANAGEMENT PERMIT
ATTACHMENT F - PAGE 3 of 3**

SIX-MONTH COMPLIANCE MONITORING REPORT

SIGNATORY REQUIREMENTS

This report is to be signed by a responsible corporate officer, general partner, or a duly authorized representative as defined in 40 CFR 403.12 ("403 regulations pages 43 & 44) of your firm after adequate completion of this report and review of the information by the signing official.

SIGNATURE STATEMENT

"I certify under of penalty of law that this report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons who are directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

NAME:

TITLE:

SIGNATURE:

DATE:

Please send this Report to:
Borough of Catasauqua
Attention: J. G. Houstoun
Pretreatment Coordinator
118 Bridge Street
Catasaqua, PA 18032-2598
Phone (610)-264-0111(Leave Message)
Fax (610)-264-8228

BOROUGH OF CATASAUQUA - WATERSHED PROTECTION PERMIT

ATTACHMENT G – Page 1 of 2

PROHIBITIONS AND LIMITATIONS FROM ORDINANCE 852 AS AMENDED

Section 853. Prohibitions and Limitation on Wastewater Discharges.

A. Prohibitions on Wastewater Discharges. No user shall discharge or deposit or cause or allow to be discharged or deposited into the wastewater treatment system any wastewater which contains the following:

(1) Oils and Grease.

(a) Oil and grease concentrations or amounts from industrial facilities violating Federal pretreatment standards.

(b) Wastewater from industrial facilities containing floatable fats, wax, grease or oils.

(c) Any oils in amounts that will cause pass through or interference are prohibited.

(2) Fire/Explosive Hazard. Liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the wastewater treatment system or to the operation of the system. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the sewer system, be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit (L.E.L.) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides. Any waste streams with a closed cup flash point of less than one hundred forty (140) degrees Fahrenheit or sixty (60) degrees Celsius using test methods specified in 40 CFR §261.21 are also prohibited.

(3) Noxious Material. Noxious or malodorous solids, liquids or gases which, either singly or by interaction with other wastes, are capable of creating a public nuisance or hazard to life, or are or may be sufficient to prevent entry into a sewer for its maintenance and repair.

(4) Improperly Shredded Garbage. Garbage that has not been ground or comminuted to such a degree that all particles will be carried freely in suspension under flow conditions normally prevailing in the public sewers, with no particle greater than one-half inch (1/2") in any dimension.

(5) Radioactive Wastes. Radioactive wastes or isotopes of such half- life or concentration that they do not comply with regulations or orders issued by the appropriate Federal and State agencies having control over their use and which will or may cause damage or hazards to the sewage facilities or personnel operating system.

(6) Solid or Viscous Wastes. Solid or viscous wastes which will or may cause obstruction to the flow in a sewer, or otherwise interfere with the proper operation of the wastewater treatment system. Prohibited materials include, but are not limited to, grease, uncomminuted garbage, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastic, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, and similar substances. **(7) Excessive Discharge Rate.** Wastewater at a flow rate or containing such concentrations or quantities of pollutants that exceed for any time period longer than fifteen (15) minutes more

PROHIBITIONS AND LIMITATIONS –PAGE 2 of 2

than five (5) times the average twenty-four (24) hour concentration, quantities or flow during normal operation and that would cause a treatment process upset and subsequent loss of treatment efficiency; or the introduction of any pollutant, including oxygen-demanding pollutants (such as BOD), released in a discharge at a flow rate and/or pollutant concentration which would cause interference with the POTW.

(8) Toxic Substances. Any toxic substances in amounts exceeding standards promulgated by the Administrator of the United States Environmental Protection Agency pursuant to 307(a) of the Act, and chemical elements or compounds, phenols or other taste or odor-producing substances, or any other substances which are not susceptible to treatment or which may interfere with the biological processes or efficiency of the treatment system, or that will pass through the system.

(9) Unpolluted Waters. Any unpolluted water including, but not limited to, cooling water or of storm water origin.

(10) Discolored Material. Wastes with objectionable color not removable by the treatment process. A color will be deemed objectionable if it is such that it would have an adverse effect on or discolor the discharge from the waste treatment plant.

(11) Corrosive Wastes. Any waste which will cause corrosion or deterioration of the treatment system. All wastes discharged to the public sewer system must have a pH value in the range of 6 to 9 standard units. Prohibited materials include, but are not limited to, acids, sulfides, concentrated chloride and fluoride compounds and substances which will react with water to form acidic products.

(12) Interference. Any waste which would cause interference with the biological processes or efficiency of the treatment system as defined in this Part.

(13) Pass Through. Any waste which constitutes a pass through of the system as defined in this Part.

(14) Any trucked or hauled pollutants, except at discharge points designated by the Borough in accordance with §854W of the Borough ordinance.

(15) Temperature. Any wastewater having a temperature that will inhibit biological activity in the treatment plant resulting in interference, but in no case wastewater which causes the temperature at the introduction into the treatment plant to exceed one hundred four (104) degrees Fahrenheit (forty (40) degrees Celsius).

(16) Any sludges, screenings or other residues from the pretreatment of industrial waste.

(17) Any medical waste, except as specifically authorized by the Township Manager in a wastewater discharge permit.

(18) Any wastewater causing the treatment plant's effluent to fail a toxicity test.

(19) Any wastes containing detergents, surface active agents or other substances which may cause excessive foaming in the POTW.

(20) Toxic Gases/Vapors/Fumes. Pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause acute worker health and safety problems. Wastes prohibited in this Section shall not be processed or stored in such a manner that they would be discharged to the POTW. All floor drains located in process or material storage areas must discharge to the industrial user's pretreatment facility before connecting with the POTW.

B. Limitations on Wastewater Discharges. Each industrial user is limited on the concentration of pollutants allowed to be discharged as hereinafter detailed. The controlling limit is the lesser of (1) the local limit, or (2) the Federal categorical pretreatment standard for each pollutant. Dilution of any wastewater for the purpose of meeting the limits hereinafter described, whether local limits or Federal categorical pretreatment standards, shall be considered a violation of this Part. Refer to Permit Attachments, A and A-1 for current Local Limits and Sludge Protection Requirements.

BOROUGH OF CATASAUQUA - WATERSHED PROTECTION PERMIT

ATTACHMENT H – Page 1 of 4

SPECIAL REQUEST FOR SEWER DISPOSAL OF WASTEWATER FOR HOLDERS OF WATERSHED PROTECTION PERMITS

EPA regulation 40 CFR 403.12(f) requires that permittees immediately notify the Borough of all discharges that could cause problems to the POTW, including any slug loading as defined by 40 CFR 403.5(b). Also Watershed Protection Permits and Borough Ordinances require changed reporting and written Borough approval before any such discharges commence. This includes discharges such as slug loads, rapid batch discharges or any other discharges that have not been specifically authorized by a current permit and/or have been previously specifically prohibited are now being proposed for discharge. In most instances these materials have not been sent to the Borough's treatment plant before and their effect on plant operations are not known. And even when materials have been discharged before their effects, especially if at substantially higher levels and/or rapid release rates are usually not known. Therefore those making this request are expected to take all reasonable and necessary precautions in managing the proposed discharge so that inhibition, pass through or interference at the treatment plant (or problems in the Township's sewer line or pump stations) will not occur.

Permittee:

Permit No.:

Expiration Date:

Name & Title Of Person Making Request;
Phone No & Email Address:

Name & Title Of Person Authorizing Request;
Phone No & Email Address:

Date Of Request;
Proposed Date Of Wastewater Discharge:
Reason for Request:

Please describe any other concurrent routine and/or non-routine discharges planned such as from maintenance, shutdowns or new equipment installation and testing:

Will the daily flow that will occur during the proposed discharge will be different from the usual daily flow, such as during shutdowns: YES or NO (circle).

If YES, what will the estimated flow during the proposed discharge be:

**SPECIAL REQUEST FOR SEWER DISPOSAL OF WASTEWATER
FOR HOLDERS OF WATERSHED PROTECTION PERMITS (Page 2 of 4)**

Name of Material To Be Discharged (Such as purchased products, raw materials, products made on site and any by-products and those used in water treatment):

Manufacturer, Source Or Where Generated:

Process Or Operation Where Material Is To Be Used Or is Generated Or Is To Be Disposed Of:

Amount Purchased, Generated Or Produced Or Disposed Of Annually:

Flash Point of Material:

pH of Material:

If diluted prior to use, list dilution information and flash point and pH at use dilution:

COMPOSITION INFORMATION

ACTIVE INGREDIENTS (note if wt/wt % or wt/vol %):

Ingredient*	CAS Number	% in Material	Maximum Use		NPDES**
			Level	mg/l	
					Approval

INACTIVE INGREDIENTS (note if wt/wt % or wt/vol %):

Ingredient*	CAS Number	% in Material	Maximum Use		NPDES**
			Level	mg/l	
					Approval

*Please indicate if any of the ingredients contain any of the EPA priority pollutants by circling the ingredient.

** Approved by EPA and/or a state agency in NPDES Permits For Direct Discharge

ADDITIONAL INFORMATION

Please provide, any other information pertaining to the use and discharge of this material that could impact the permitting decision attaching other sheets as necessary. Attach MSDS's and/or other descriptive information if not previously submitted. List Any Additional Contaminants In Discharge (Resulting from its use such as rust, scale, oil & grease or any other solid or dissolved byproducts or reaction products.

**SPECIAL REQUEST FOR SEWER DISPOSAL OF WASTEWATER
FOR HOLDERS OF WATERSHED PROTECTION PERMITS (Page 3 of 4)**

Have These Material Previously been Discharged (and if so list dates, volumes and concentration and describe any problems occurred);

Volume of Discharge:

Rate of Discharge:

Time Of Discharge

Pre-Discharge Analytical Tests (Describe any tests that will be conducted):

Additional effluent testing (Describe any tests that will be conducted):

HAZARDOUS PROPERTIES & HUMAN HEALTH HAZARDS

Ingredient	Hazardous Characteristics & Human health Hazards *
------------	--

If unknown List ingredient and write in "Unknown".

AQUATIC TOXICITY INFORMATION

INGREDIENT	AQUATIC TOXICITY*
------------	-------------------

If unknown List ingredient and write in "Unknown". For each organic compound listed above where little or no aquatic toxicity data is available, please go to www.pbtprofler.net and print out a worksheet for the material if available.

SPECIAL REQUEST FOR SEWER DISPOSAL OF WASTEWATER
FOR HOLDERS OF WATERSHED PROTECTION PERMITS (Page 4 of 4)

EFFLUENT MASS & CONCENTRATION INFORMATION

Please refer to the General Information Section in the permit application for information on determining effluent mass and concentration and flow types. The effluent flow volume during the discharge should be calculated by taking the average daily flow to the sewer and dividing it by the daily operating hours to get the gallons per hour. And the gallons per operating hour can be multiplied by the total hours of the proposed discharge to get the flow that occurs during the discharge.

DESCRIPTION AND LOCATION OF SOURCES

Source No.	Description and Location Of Source
------------	------------------------------------

EFFLUENT MASS AND CONCENTRATION FROM EACH SOURCE

		<i>Loading Data</i>		<i>Daily Discharge Composition Data</i>			
Source	Name	Mass Used	Per Day	Type	Volume	Volume	Conc
<u>No.</u>	<u>of</u>	in	in	of	in	in	in
	<u>Ingredient</u>	<u>Pounds</u>	<u>Milligrams</u>	<u>Flow</u>	<u>Gallons</u>	<u>Liters</u>	<u>mg/l</u>

**TOTAL EFFLUENT MASS AND CONCENTRATION DISCHARGED
FROM ALL SOURCES OF THE SAME INGREDIENT**

<i>Loading Data</i>	<i>Total</i>		<i>Daily Discharge Composition</i>		
Name	Mass Used	Per Day	Volume	Volume	Conc
of	in	in	in	in	in
<u>Ingredient</u>	<u>Pounds</u>	<u>Milligrams</u>	<u>Gallons</u>	<u>Liters</u>	<u>mg/l</u>